

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/00068

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04K 1/00, H04L 9/00
US CL : 726/9, 713/185

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 726/9, 713/185

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | US 2002/0099649 A1 (LEE et al.) 25 July 2002 (25.07.2002), paragraphs [0080]-[0127]. | 1-10 |
| Y | US 2004/0002903 (STOLFO et al.) 01 January 2004, Figures 1, 3, 3a, 3b, paragraphs [0028]-[0150] | 1-10 |

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|--------------------------|---|--------------------------|--|
| <input type="checkbox"/> | Further documents are listed in the continuation of Box C. | <input type="checkbox"/> | See patent family annex. |
| * | Special categories of cited documents: | "T" | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
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| Date of the actual completion of the international search 01 June 2005 (01.06.2005) | Date of mailing of the international search report 21 JUN 2005 |
| Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230 | Authorized officer Ayaz Sheikh Telephone No. (703)305-3900 |

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PCT/US05/00068

Continuation of B. FIELDS SEARCHED Item 3:
IEEE, ACM, Google, EAST
search terms: card, multiple PINs, multiple cards, authentication, authenticating, authenticate, authorization, authorizing, authorize, prevent, internet, fraud, false, identification

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